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PTO/SB/21 (07-06)

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TRANSMITTAL  
FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

7

Application Number

10/727,187

Filing Date

12/02/2003

First Named Inventor

JACK, Michael D.

Art Unit

2884

Examiner Name

Paul Polyzos Boosalis

Attorney Docket Number

02W028

## ENCLOSURES

(Check all that apply)



Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)



Reply to Missing Parts/Incomplete Application



Reply to Missing Parts under 37 CFR 1.52 or 1.53



Drawing(s)



Licensing-related Papers



Petition



Petition to Convert to a Provisional Application



Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_



Landscape Table on CD



After Allowance Communication to TC



Appeal Communication to Board of Appeals and Interferences



Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)



Proprietary Information



Status Letter



Other Enclosure(s) (please identify below):

Remarks

Responsive to Office Action mailed June 1, 2006.

Title: Improved Passive Millimeter Wave Sensor Using High Temperature Superconducting Leads

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Raytheon Company

Signature

Printed name

William C. Schubert

Date

2006-08-22

Reg. No.

30,102

## CERTIFICATE OF TRANSMISSION/MAILING FAX No. 571-273-8300

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

William C. Schubert

Date

2006-08-22

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE U.S. PATENT AND TRADEMARK OFFICE

Appl. No. : 10/727,187  
Applicant : Jack, et al.  
Filed : December 2, 2003  
TC/AU : 2884  
Examiner : Boosalis, Fani Polyzos

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AUG 22 2006

Docket No. : 901.0116.U1(US)  
Customer No. : 29683

Title : IMPROVED PASSIVE MILLIMETER WAVE SENSOR USING HIGH  
TEMPERATURE SUPERCONDUCTING LEADS

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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## AMENDMENT

Sir:

In response to the non-final Office Action dated June 1<sup>st</sup>, 2006, the Applicant hereby amends the above-referenced application as follows:

Amendments to the Specification: None.

Amendments to the Drawings: None.

Amendments to the Claims: begin at page 2 of this paper.

Remarks/Arguments: begin at page 6 of this paper.

Appendix: None.

This Amendment is filed within the shortened statutory period for reply recited in the referenced Office Action, and no petition for extension of time or fee is deemed necessary or due. Should the undersigned representative be mistaken, please consider this as a petition for an extension of time necessary to effect his Amendment and charge Deposit Account No. 50-0616 for any required fee deficiency.